Index of Claims

| Application/Control N |  |
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10/053,654

Examiner

Thomas J. Lett

Applicant(s)/Patent under Reexamination

CHANG ET AL.

**Art Unit** 

2625

| <b>√</b> | Rejected | - | (Through numeral)<br>Cancelled | N | 1 | Non-Elected  | A | Appeal   |
|----------|----------|---|--------------------------------|---|---|--------------|---|----------|
| 11       | Allowed  | + | Restricted                     | ı |   | Interference | 0 | Objected |

| Claim Date  |             | CI   | Claim Date                                       |  |             |  |              | Γ        | Cla             | aim  | Date          |         |                 |                    |            |               |          |          |                 |                    |          |                                       |             |               |          |          |
|-------------|-------------|--|--|--|-------------|--|--------------|----------|-----------------|--|---------------|---------|-----------------|--------------------|------------|---------------|----------|----------|-----------------|--------------------|----------|---------------------------------------|-------------|---------------|----------|----------|
|             |             |  |  | ТТ   | $\neg$      |  |              |          |                 |  |               | T       |                 | $\neg \Box$        |            |               |          |          | $\Box$          | П                  | П        |                                       | П           | $\neg$        |          |          |
| Final       | Original    | 9/26/05  |  |  |             |  | Final        | Original |                 |  |               |         |                 |                    |            | ल             | Original |          |                 | -                  |          |                                       |             | - 1           |          |          |
| :⊑          | ij          | 18 5   | 1 [  |  |             |  | :            | ij       |                 |  |               |         |                 | - 1 1              |            | Final         | į        |          |                 |                    |          |                                       |             |               |          |          |
| _           | Ō           | ဇ္တုတ  | 1  |  |             |  | -            | Ō        |                 |  |               |         |                 |                    |            | _             | Ō        |          |                 |                    |          |                                       |             |               |          |          |
| <b>-</b>    | 0           | 1/1  | .  | ╁  | -           | <del>                                     </del> |              | 51       | <del></del>     | 1-1  | +             | ╁╾      | <del>   </del>  |                    | <b> </b> - |               | 101      | Н        | $\vdash$        | $\dashv$           | -        | -                                     | $\dashv$    | $\dashv$      | _        | -        |
|             |             |  |  | +  |             | +-   | <del> </del> |          |                 | 11   |               | +       | ₩               |                    | -          |               |          | -        | -               | -+                 | $\dashv$ | $\dashv$                              |             |               | $\dashv$ |          |
| -           | 2           | 1 1  |  |  |             |  | l            | 52       | $\vdash \vdash$ | 1-1  | +             | -       | $\vdash$        |                    | ⊢          |               | 102      |          | $\vdash$        |                    | -        | _                                     |             | -             | -        |          |
| <u> </u>    | 3           | V V  |  | +  | -           |  |              | 53       |                 | +  |               | -       | $\vdash$        |                    | ⊢⊦         |               | 103      |          | $\vdash \vdash$ | -                  | 4        | -                                     | _           | $\dashv$      | _        |          |
| <u> </u>    | 4           | <b>√</b> √                                       |  |  |             |  | ·            | 54       | $\vdash$        |  | _             | —       |                 |                    | -          |               | 104      | Щ        | $\vdash$        |                    | _        |                                       | _           | $\dashv$      | _        |          |
|             | 5           | 11   |  | $\downarrow \downarrow$                          |             | $\bot$   | <u> </u>     | 55       | $\perp$         | $\sqcup$   | $\perp$       | —       | $\sqcup$        | $\dashv$           | L          |               | 105      |          | $\sqcup$        | _                  | _        | _                                     | _           | <b>—</b>      | _        |          |
| L           | 6           | <b>√</b> √                                       |  | $\sqcup$   |             |  |              | 56       |                 | Ш  |               |         | Ш               | $\perp$            | L          |               | 106      |          | Ш               | _                  | _        | _                                     |             | _             | _        |          |
| L           | 7           | $\sqrt{}$  |  | $\sqcup$   |             | الللا  | <u> </u>     | 57       |                 | $\perp$  |               |         | Ш               |                    | L          |               | 107      |          |                 | $\perp$            | _        | _                                     | _           |               |          |          |
|             | 8           | $\sqrt{}$  |  |  |             |  | L            | 58       |                 | $oxed{oxed}$                                     |               | _       | Ш               |                    | L          |               | 108      |          |                 | $\bot$             | $\Box$   |                                       |             |               |          |          |
|             | 9           |  |  |  |             |  | <u> </u>     | 59       |                 |  |               |         | Ш               | $oldsymbol{\perp}$ | L          |               | 109      |          |                 |                    |          |                                       |             |               |          |          |
|             | 10          | $ \sqrt{ }$                                      |  |  |             |  |              | 60       |                 |  |               |         |                 |                    |            |               | 110      |          |                 |                    |          |                                       |             |               |          |          |
|             | 11          | V V  |  |  |             |  |              | 61       |                 |  |               |         |                 |                    |            |               | 111      |          |                 |                    |          |                                       |             |               |          |          |
|             | 12          | V V  |  |  |             |  |              | 62       |                 |  |               |         | $  \top  $      | $\Box$             | Γ          |               | 112      |          |                 |                    | $\neg$   | $\neg$                                |             | $\neg$        | $\neg$   |          |
|             | 13          | V V  |  |  |             |  |              | 63       |                 | П  |               |         | $\Box$          |                    |            |               | 113      |          | $\Box$          | 寸                  | $\dashv$ | $\neg$                                | $\neg$      | 丁             |          |          |
|             | 14          | 1/1  |  | $\sqcap$   |             |  |              | 64       |                 | 11   | $\dashv$      | 1       |                 | $\Box$             |            | $\neg$        | 114      |          | $\sqcap$        | $\dashv$           | 寸        | $\dashv$                              |             | ヿ             | $\neg$   |          |
|             | 15          | 11   |  | $\top$   |             | Ш  |              | 65       |                 | $\dagger \dagger$                                | $\dashv$      | 1-      |                 | $\dashv \dashv$    |            |               | 115      |          | $\vdash$        | 寸                  | $\dashv$ | $\dashv$                              | $\dashv$    | 十             | $\dashv$ |          |
|             | 16          | 11   |  | 1 1  |             | ++-  |              | 66       | $\vdash$        | $\dagger$  | $\dashv$      | $\top$  | $\vdash$        | $\dashv \dashv$    |            |               | 116      | $\dashv$ | $\vdash$        | $\dashv$           | $\dashv$ | $\dashv$                              | $\dashv$    | $\dashv$      | $\dashv$ |          |
|             | 17          | 1 1  | + +-   | ╅┪   | $\dashv$    | $\vdash$   | <del></del>  | 67       | -               | 1-1  | $\dashv$      | +       | $\vdash$        | $\dashv \dashv$    | H          | $\neg \neg$   | 117      | $\dashv$ | $\vdash$        | $\dashv$           | $\dashv$ |                                       |             | 十             | -        |          |
|             | (18)        | 11   | <del>    -</del>                                 | ╁  | -           | ╅  | -            | 68       |                 | +  | -             | +       | $\vdash$        | $\dashv$           | ŀ          |               | 118      | $\dashv$ | $\vdash$        | +                  | $\dashv$ | $\dashv$                              | -           | $\dashv$      | -        | =        |
|             | 19          | 77   |  | +  | +           | <del>   </del>                                   | -            | 69       |                 | $\vdash$   |               | +-      | <del></del>     | $\dashv$           | F          | -             | 119      |          | $\vdash$        | +                  |          |                                       | -           | $\dashv$      | -        |          |
|             | 20          | 77   | <del>.   -   -</del>                             | +  |             | HH   |              | 70       | _               | ┼┼   |               | +       | $\vdash$        | $\dashv$           | ⊢          |               | 120      | $\dashv$ | $\vdash$        | +                  |          |                                       | $\dashv$    | $\dashv$      | -        |          |
|             | <b>(21)</b> |  |  | -  | +           |  | -            | 71       |                 | +  | -             | +-      |                 |                    | F          |               | 121      | -        |                 | -                  | -        | $\dashv$                              | $\dashv$    | $\dashv$      | -        | -        |
|             | 22          | 1 1  | +  | +  |             |  | -            | 72       | +               | $\vdash$   |               | +       | $\vdash$        | +                  | ⊢          |               |          | -        | $\vdash$        | +                  |          | -                                     |             |               | -        |          |
|             |             | \ \ \  |  | +  |             | $\vdash\vdash\vdash$                             |              |          |                 | $\vdash$   |               | +       | $\vdash$        | +                  | ⊢          |               | 122      | $\Box$   | $\vdash$        | _                  | -        |                                       | -           | $\dashv$      | _        | _        |
|             | 23          | 1 1  |  | +  |             | $\vdash$   |              | 73       | $\perp$         | 1  | 4             | +       | H               | +                  | ŀ          |               | 123      | -        | $\vdash$        | 4                  | $\dashv$ |                                       | -           | -             | -        | _        |
|             | <u>(2)</u>  | 1 1  | .——  | +  | -           |  | -            | 74       |                 | ╁╌┤  |               | 4       | ┵               |                    | L          |               | 124      |          | _               | -                  | $\dashv$ | _                                     | $\dashv$    | $\dashv$      | _        |          |
| ļ           | 25          | V V  |  | $\sqcup$   |             | <del> </del>                                     |              | 75       | $\perp$         | $\bot \bot$                                      | _             |         |                 |                    | L          |               | 125      |          | $\perp$         | _                  | 4        | _                                     | $\dashv$    | _             | _        |          |
|             | 26          | <b>√</b> √                                       | <del>                                     </del> | $\sqcup$   |             | $\bot$   | <u> </u>     | 76       |                 | $\sqcup$   |               | 4       | Ш               |                    | L          |               | 126      |          |                 |                    | _        | _                                     | _           | _             | _        |          |
|             | 27          | √ -  | $oldsymbol{oldsymbol{\perp}}$                    | 1  |             | $\sqcup \sqcup$                                  | <u> </u>     | 77       |                 |  |               |         | Ш               |                    | L          |               | 127      |          |                 |                    |          |                                       | _           | _             |          |          |
|             | 28          | $\sqrt{\ }\sqrt{\ }$                             |  | Ш  |             |  | ļ            | 78       |                 |  |               |         | LJ.             |                    | L          |               | 128      |          |                 |                    |          | [                                     |             |               |          |          |
|             | <b>(29</b>  |  |  | Ш  |             |  | <u> </u>     | 79       |                 |  |               |         |                 |                    | Ŀ          |               | 129      |          |                 |                    |          |                                       |             |               |          |          |
|             | 30          | √ √  |  |  |             |  |              | 80       |                 |  |               |         |                 |                    |            |               | 130      |          |                 |                    |          |                                       |             |               |          |          |
|             | 31          | √ -  |  |  |             |  |              | 81       |                 | П  |               |         |                 |                    | Γ          |               | 131      |          | ПТ              | Т                  |          | П                                     |             | $\neg$        |          |          |
|             | 32          |  |  | [  |             |  |              | 82       |                 | П  |               |         | П               |                    | Γ          |               | 132      |          |                 | $\top$             |          |                                       |             | П             |          |          |
|             | 33          | <b>□</b> √                                       |  |  |             |  |              | 83       |                 | П  |               | 1       |                 |                    | _ [        |               | 133      |          |                 | $\neg$             |          | Ī                                     |             | $\neg$        |          |          |
|             | 34          |  |  | П  |             |  |              | 84       |                 |  |               |         | П               |                    |            |               | 134      |          |                 | $\neg$             | T        |                                       | $\neg \neg$ |               | ĺ        |          |
|             | 35          |  |  |  |             |  |              | 85       |                 | П  |               |         | $\Box$          |                    |            |               | 135      |          | $\Box$          | 寸                  | 一        | 一                                     | ヿ           | $\neg$        | コ        |          |
|             | 36          | V  |  | $\Box$   |             | $\Box\Box$                                       |              | 86       |                 |  | $\top$        | 1       |                 |                    | Ī          |               | 136      |          |                 | _                  | 7        |                                       | 一           | 寸             |          |          |
|             | 37          | V  |  | $\sqcap$   | $\neg$      | $\Box$   |              | 87       |                 |  | $\neg \vdash$ | $\top$  | $\vdash$        | $\neg \neg$        | r          |               | 137      |          | $\dashv$        | _                  | 7        | 寸                                     | $\dashv$    | $\dashv$      | $\dashv$ |          |
|             | 38          | V  |  | $\Box$   | $\top$      | $\sqcap$   |              | 88       | -               | $\vdash$   | _             | $\top$  | $\vdash$        | $\top$             | r          | $\overline{}$ | 138      | $\dashv$ | $\dashv$        | $\dashv$           | $\dashv$ | 7                                     | _           | $\dashv$      | -        | -        |
|             | 39          | Lý   |  | $\vdash$   |             | -  |              | 89       | $\dashv$        | 1-1  |               | +       | $\vdash$        | $\dashv$           | H          |               | 139      | $\neg$   | $\dashv$        | 十                  | +        | -                                     | -+          | 十             | -        | -        |
|             | 40          | <b>├</b>   | + -  | +  | $\dashv$    | $\vdash$   |              | 90       |                 | $\vdash$   | $\dashv$      | +-      |                 | _+-                | H          |               | 140      | $\dashv$ | $\dashv$        | $\dashv$           | -+       | -                                     | -+          | +             | $\dashv$ | $\dashv$ |
| <u> </u>    | 41          | +  | $\vdash$   | ╁╌┤  | <del></del> | ++-  | -            | 91       | -               | $\vdash$   | -             | +-      | $\vdash \vdash$ | $\dashv\dashv$     | H          |               | 141      |          | $\vdash$        | -+                 | $\dashv$ |                                       | $\dashv$    | $\dashv$      | ┥        | $\dashv$ |
| <del></del> | 42          | +  | ╁┼   | +  | _           | ++-  |              | 92       |                 | $\vdash$   | +             | +       |                 | +                  | -          |               | 142      |          | -               | $\dashv$           | -+       | -                                     | -+          | +             | $\dashv$ | $\dashv$ |
| -           | 43          |  | <del>                                     </del> | -  | +           | ++-  |              | 93       | +               | +  | +             | +-      | $\vdash +$      |                    | -          |               | 143      |          |                 | $\dashv$           | $\dashv$ |                                       | $\dashv$    | +             |          |          |
|             | 44          | <del>    -</del>                                 | <del>                                     </del> | $\vdash$   | +           | ++   |              |          | +               | <del>  -  </del>                                 | +             | +       | $\vdash$        |                    | -          |               |          |          | $\dashv$        | $\dashv$           | -        | $\dashv$                              | $\dashv$    | +             | $\dashv$ | _        |
|             | 45          | $\vdash$   | ┼┼   | +  | -           | $\vdash$   | <u> </u>     | 94       | +               | <del>                                     </del> | -+            | +       |                 | -+-                | -          |               | 144      |          | -               | $\dashv$           | $\dashv$ |                                       | $\dashv$    | $\dashv$      |          |          |
| <u> </u>    |             |  |  | $\vdash$   |             | $\vdash$   | <u> </u>     | 95       |                 | ₩  |               | +       | $\vdash$        | $\dashv$           | L          |               | 145      | _        | $\perp$         | 4                  | $\dashv$ | _                                     | _           | 4             | _        | _        |
| <b>-</b>    | 46          |  | ₩-   | $\vdash$   | -           | ╁┷╁┷┤  | ļ            | 96       | _               | $\sqcup$   | _             | -       |                 | $\dashv$           | L          |               | 146      | _        | $\perp$         | 4                  | _        | _                                     | _           | _             | _        | _        |
| <u> </u>    | 47          | <del></del>                                      | 1  | <del>                                     </del> |             | $\sqcup \sqcup$                                  |              | 97       |                 | 1  |               |         |                 | 44                 | L          |               | 147      | _        | _               | _                  |          | _                                     |             | $\dashv$      | $\perp$  |          |
| <u> </u>    | 48          | <del>                                     </del> | <b>├</b> -                                       | $\vdash$   |             | $\sqcup \sqcup$                                  |              | 98       | _ _             | Ш  | _ _           | $\perp$ | $\sqcup$        | $oldsymbol{\perp}$ | L          |               | 148      |          |                 | $\perp$            |          |                                       |             | $\dashv$      |          | ┙        |
| <u> </u>    | 49          | $\vdash$   | $\vdash \vdash$                                  | $\sqcup$   |             | $\vdash$   |              | 99       | $\perp$         |  | $\bot$        | 4_      | $\sqcup$        | $\bot$             | L          |               | 149      |          | $\dashv$        | 4                  | $\perp$  |                                       | _           | ightharpoonup |          |          |
| L.,         | 50          |  |  | ᄔ  |             | ليليا  |              | 100      |                 | $oxed{oxed}$                                     | $\perp$       |         |                 | $oldsymbol{\perp}$ | L          |               | 150      |          |                 | $oldsymbol{\perp}$ | $\perp$  | $\perp \! \! \! \! \! \! \! \! \perp$ |             |               |          | $\sqcup$ |